

# EAST Search History (19 pp.)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10897	((257/288) or (257/e29.165) or (257/195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:04
L2	1013	((327/560) or (327/561) or (327/562) or (327/563)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:28
L3	10897	1 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:29
L4	6	3 and (amplifying amplify amplifier amplification) near6 circuit.clm. and (gated adj diode two\$1terminal).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:32
L5	8	(luk near2 wing.in. (international adj business ibm).as.) and (amplifying amplify amplifier amplification) near6 circuit.clm. and (gated adj diode two\$1terminal).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:33
S1	3	"751714".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 08:32
S2	13	miller near2 compensating adj capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/09 14:41
S3	4	"751713".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/09 14:44
S4	0	gated adj diode and (nonlinear variable) near3 "capacitance."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 14:45

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S5	7	gated adj diode and (nonlinear variable) near3 capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 14:46
S6	2	gated adj diode and (nonlinear variable) near3 capacitance and (applifying amplification amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 15:16
S7	6	gated adj diode and (nonlinear variable vary) near3 capacitance and (applifying amplification amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 15:20
S8	6	gated adj diode and (nonlinear variable vary) near3 capacitance and (applifying amplification amplifier amplify)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 15:27
S9	3	gated adj diode near4 amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 15:50
S10	33	small adj signal adj sensing and dram	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 15:52
S11	0	fated adj diode.ti,ab,clm. and "257"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 15:52
S12	83	gated adj diode.ti,ab,clm. and "257"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 15:54
S13	31	gated adj diode.ti. and "257"/\$7. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 16:03
S14	148	(257/312).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 12:11

## EAST Search History

S15	4	MOSFET near5 body adj bias.ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/09 16:15
S16	100	flash adj memory adj cell adj array and "257"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/09 16:45
S17	24	flash adj memory adj cell adj array. ti,ab,clm. and "257"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/09 16:45
S18	4	"751714".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 07:09
S19	1	(US-20050145895-\$).did.	US-PGPUB	OR	OFF	2005/08/26 07:09
S20	4	"571713".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 07:10
S21	5	"751713".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 07:10
S22	1	(US-20050146928-\$).did.	US-PGPUB	OR	OFF	2005/08/26 07:11
S23	175	variable near2 (capacitor capacitance) and sense adj amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 07:12
S24	398	(varying varies vary variable) near2 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 07:15
S25	296	(varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 07:29

## EAST Search History

S26	258	(varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and (gate control adj voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 07:29
S27	255	(varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 07:32
S28	183	(varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate and (MOSFET FET field adj effect adj transistor MISFET MOS adj transistor MIS adj transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 07:34
S29	143	(varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate and (MOSFET FET field adj effect adj transistor MISFET MOS adj transistor MIS adj transistor) same (capacitor capacitance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 07:36
S30	60	(varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate and (MOSFET FET field adj effect adj transistor MISFET MOS adj transistor MIS adj transistor) same (capacitor capacitance) same ("well" "n-well" "p-well" nwell pwell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 07:37
S31	25	(variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate and (MOSFET FET field adj effect adj transistor MISFET MOS adj transistor MIS adj transistor) same (capacitor capacitance) same ("well" "n-well" "p-well" nwell pwell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 07:38
S32	10	(US-20050145895-\$ or US-20050146928-\$ or US-20050184787-\$ or US-20050104119-\$ or US-20050104118-\$ or US-20050099859-\$ or US-20030206437-\$).did. or (US-6731529-\$ or US-6418044-\$ or US-6414862-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/08/26 07:42

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S33	13	diorio.in. and variable adj capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 08:20
S34	10	(US-20030206437-\$ or US-20050099859-\$ or US-20050104118-\$ or US-20050104119-\$ or US-20050145895-\$ or US-20050146928-\$ or US-20050184787-\$).did. or (US-6414862-\$ or US-6418044-\$ or US-6731529-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/08/26 08:34
S35	2	("6144581").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 08:36
S36	0	("gatedadjdiodeandvariableadj(capacitancecapacitor)and(MOSadjtransistororMOSFETFETMISadjtransistorMISFET)").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 08:37
S37	2	gated adj diode and variable adj (capacitance capacitor) and (MOS adj transistor MOSFET FET MIS adj transistor MISFET)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 08:43
S38	3	gated adj diode and (varactor variable adj (capacitance capacitor)) and (MOS adj transistor MOSFET FET MIS adj transistor MISFET)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 08:44
S39	3	gated adj diode and (varactor variable adj (capacitance capacitor)) and (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 08:44
S40	3	gated near1 diode and (varactor variable adj (capacitance capacitor)) and (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 08:46
S41	846	(varactor variable adj (capacitance capacitor)) near10 (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 08:46

## EAST Search History

S42	536	(varactor variable adj (capacitance capacitor)) near4 (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 08:46
S43	11	(varactor variable adj (capacitance capacitor)) near4 (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET) and sense adj amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 08:57
S44	1942	((365/207) or (365/208)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 08:57
S45	1609	S44 and sense adj amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 08:58
S46	0	S44 and sense adj amplifier and gated adj diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 08:58
S47	6	S44 and sense adj amplifier and (varactor capacitor near4 variable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 09:07
S48	2	("5844265").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 09:54
S49	57	gated adj diode near6 ("well" "n-well" "p-well" pwell nwell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 09:55
S50	52	gated adj diode near4 ("well" "n-well" "p-well" pwell nwell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 10:09
S51	2	("6674116").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 10:10

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S52	1	S51 and "well"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 10:10
S53	0	("well" nwell pwell) near4 gated adj diode near10 vary near2 capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 10:12
S54	10	("well" nwell pwell) near4 (varactor gated adj diode) near10 vary near2 capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 11:09
S55	108	cascode near4 protect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 11:10
S56	935	cascode.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 11:10
S57	8	cascode.ti. and protect\$3.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 11:11
S58	8	cascode.ti. and protect\$3.ti. and cascode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 11:11
S59	1	"5844265".pn. and (threshold protect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 13:37
S60	10	"sample/hold" near4 latch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 16:20

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S61	15	(US-20030206437-\$ or US-20050099859-\$ or US-20050104118-\$ or US-20050104119-\$ or US-20050145895-\$ or US-20050146928-\$ or US-20050184787-\$).did. or (US-5838176-\$ or US-5844265-\$ or US-6097432-\$ or US-6414862-\$ or US-6418044-\$ or US-6674116-\$ or US-6731529-\$ or US-6794707-\$). did.	US-PGPUB; USPAT	OR	OFF	2005/08/26 16:33
S62	9	S61 and overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 16:37
S63	2	gated adj diode near4 (overlap overlapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:38
S64	10	mos adj capacitor near4 (overlap overlapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:40
S65	10	mos adj capacitor near4 (overlap overlapping) and (overlap overlapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:44
S66	21	mos adj capacitor.ti,ab. and gate near4 (overlap overlapping) and (overlap overlapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:48
S67	27	(gate adj diode mos adj capacitor).ti,ab. and gate near4 (overlap overlapping) and (overlap overlapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:49
S68	6	(gate adj diode).ti,ab. and gate near4 (overlap overlapping) and (overlap overlapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:49

## EAST Search History

S69	74	(gated adj diode varactor variable adj capacitor) and sense adj amplifier and invert?r	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/27 15:31
S70	18	(gated adj diode) and sense adj amplifier and invert?r	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/27 15:14
S71	34	(varactor) and sense adj amplifier and invert?r	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/27 15:15
S72	25	(variable adj capacitor) and sense adj amplifier and invert?r	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/27 15:15
S73	10	(gated adj diode varactor variable adj capacitor) and sense adj amplifier and invert?r and control adj line and signal adj line	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/27 15:31
S74	9	(gated adj diode varactor variable adj capacitor) and sense adj amplifier and invert?r and control adj line and signal adj line and (opamp difference differential)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/27 15:42
S75	24	(gated adj diode MOS adj capacitor MIS adj capacitor) and sense adj amplifier and invert?r and control adj line and signal adj line and (opamp difference differential)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/27 15:48
S76	24	(gated adj diode MOS adj capacitor MIS adj capacitor) and sense adj amplifier and invert?r and control adj line and signal adj line	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/27 15:48
S77	0	gated adj diode.clm. and sense adj amplifier.clm. and signal adj line and control adj line	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/28 15:23
S78	1	gated adj diode.clm. and (signal sense) adj amplifier.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/28 15:23

## EAST Search History

S79	1	gated adj diode.clm. and (signal sense) adj (amplification amplifier).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/28 15:23
S80	2	gated adj diode.clm. and (signal sense) adj (amplification amplifier amplifying).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:25
S81	1	gated adj diode.clm. and (signal sense) adj (amplification amplifier amplifying).clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:26
S82	1	gated adj diode.clm. and (signal sense) adj (amplification amplifier amplifying).ti,ab,clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:26
S83	1	gated adj diode.ti,ab,clm. and (signal sense) adj (amplification amplifier amplifying).ti,ab,clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:26
S84	3	gated adj diode.ti,ab,clm. and (signal sense) adj (amplification amplifier amplifying).ti,ab,clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:28
S85	1	gated adj diode.ti,ab,clm. and (signal sense) adj amplifier.ti,ab, clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:30
S86	3	gated adj diode near20 (signal sense) adj amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:31

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S87	19	(US-20030123276-\$ or US-20030206437-\$ or US-20040136251-\$ or US-20050099859-\$ or US-20050104118-\$ or US-20050104119-\$ or US-20050145895-\$ or US-20050146928-\$ or US-20050184787-\$).did. or (US-4538287-\$ or US-5838176-\$ or US-5844265-\$ or US-6097432-\$ or US-6414862-\$ or US-6418044-\$ or US-6674116-\$ or US-6687175-\$ or US-6731529-\$ or US-6794707-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/08/28 15:56
S88	49076	(amplifier amplification amplifying) near2 (signal sense).ti,ab,clm.	US-PGPUB; USPAT	OR	ON	2005/08/28 15:56
S89	120366	(amplifier amplification amplifying) near2 (signal sense).ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:04
S90	15582	(gated adj diode varactor variable adj (capacitance capacitor)).ti,ab, clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:57
S91	618	S89 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:02
S92	572	S91 and @ad<"20040106"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:59
S93	133	S91 and @ad<"20040106" and (invert?r latch buffer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 15:59
S94	353	S89 and S90	USPAT	OR	ON	2005/08/28 16:02

## EAST Search History

S95	4	(amplifier amplification amplifying) near2 (signal sense).ti,ab,clm. and (gated adj diode).ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:05
S96	4	(amplifier amplification amplifying) near2 (signal sense).ti,ab,clm. and (gated adj diode).ti,ab,clm. and gated adj diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:06
S97	17	(amplifier amplification amplifying) near2 (signal sense).ti,ab,clm. and gated adj diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:10
S98	1	bridge adj demodulat?r adj amplifier and gated adj diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:13
S99	721	(variable adj capacitor varactor varacter) and (inverter invertor latch buffer) and (signal sense) adj (amplifier amplification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:24
S100	721	(variable adj capacitor varactor varacter) and (inverter invertor latch buffer) and ((signal sense) adj (amplifier amplification) amplifying near2 signal) and (signal sense) adj (amplification amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:49
S101	920	((327/560) or (327/561) or (327/562) or (327/563)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/28 16:49
S102	18	S101 and (varact?r variable adj (capacitor capacitance) gated adj diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/28 16:50
S103	33	(gated adj diode varact?r) near5 (overlap overlapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 09:35

## EAST Search History

S10 4	47	(gated adj diode varact?r variable adj capacitor).ti,ab,clm. and (overlap overlapping) near6 gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 09:35
S10 5	41	(gated adj diode varact?r variable adj capacitor).ti,ab,clm. and (overlap overlapping) near6 gate not S103	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 09:35
S10 6	0	365/023	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 12:11
S10 7	8592	((365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563) or (257/288) or (257/e29.195)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 17:47
S10 8	13	S107 and (signal sense) near1 (amplifying amplifier amplification) and (varact?r variable adj capacitor gated adj diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/29 12:15
S10 9	15	S107 and (signal sense) near1 (amplifying amplifier amplification) and (varact?r variable adj capacitor gated adj diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 12:15
S11 0	4	"751714".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/25 18:04
S11 1	1	(US-20050145895-\$).did.	US-PGPUB	OR	OFF	2006/02/25 18:05
S11 2	1	(US-20050145895-\$).did.	US-PGPUB	OR	OFF	2006/02/25 18:05
S11 3	1	S112 and gated adj diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/25 18:22
S11 4	2	("5844265").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/25 19:35

## EAST Search History

S11 5	429	(varactor varacter gated adj diode).ti,ab,clm. and (amplification amplifier amplifying amplify).ti,ab, clm. and capacitance.ti,ab,clm. and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/25 19:37
S11 6	48	(varactor varacter gated adj diode).ti,ab,clm. and (amplification amplifier amplifying amplify).ti,ab, clm. and capacitance.ti,ab,clm. and @ad<"20040106" and (MOSFET MOS MESFET field adj effect adj (device transistor)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/25 19:38
S11 7	8928	((257/288) or (257/e29.195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 16:12
S11 8	2	S115 and S117	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/25 19:40
S11 9	2	"5844265".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 18:48
S12 0	180	(varactor varacter) near4 amplifier.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 19:16
S12 1	7	gated adj diode near3 amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 19:25
S12 2	11	gated adj diode with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 19:37
S12 3	25	mos adj capacitor near2 amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 19:37

## EAST Search History

S12 4	17	(gated adj diode mos adj capacitor) near4 overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:24
S12 5	5	sti near4 (gated adj diode mos adj capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:31
S12 6	7	sti near6 (gated adj diode mos adj capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:32
S12 7	7	sti near8 (gated adj diode mos adj capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:32
S12 8	14	sti with (gated adj diode mos adj capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:33
S12 9	6	sti with (gated adj diode mos adj capacitor) and mos adj capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:37
S13 0	2	("5844265").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 09:46
S13 1	5	varactor with (overlap overlapped overlapping) with gate with source	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:38
S13 2	2	("20040263272").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 12:40

## EAST Search History

S13 3	9270	((257/288) or (257/e29.195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 12:41
S13 4	21	S133 and (varact?r gate adj diode MOS adj capacitor) near20 (amplifier amplification amplifying)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:43
S13 5	1	(US-20050145895-\$).did.	US-PGPUB	OR	OFF	2007/01/22 14:54
S13 6	1	(US-20050145895-\$).did. and control adj line	US-PGPUB	OR	ON	2007/01/22 14:57
S13 7	0	(US-20050145895-\$).did. and control adj line and coupling adj element	US-PGPUB	OR	ON	2007/01/22 15:00
S13 8	1	(US-20050145895-\$).did. and control adj line and coupling and (amplification amplifier)	US-PGPUB	OR	ON	2007/01/22 15:01
S13 9	1	(US-20050145895-\$).did. and control adj line and coupling and (amplification amplifier) and control adj signal	US-PGPUB	OR	ON	2007/01/22 15:22
S14 0	2	("5844265").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 15:22
S14 1	0	(257/29.195).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 16:11
S14 2	0	(257/29.001).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 16:12
S14 3	172	(257/e29.195).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 16:12

## EAST Search History

S14 4	2	("5634208").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 08:32
S14 5	1	(US-20050145895-\$).did.	US-PGPUB	OR	OFF	2007/05/09 13:32
S14 6	1	(US-20050145895-\$).did. and (control adj element control)	US-PGPUB	OR	OFF	2007/05/09 13:37
S14 7	2	("5844265").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 14:52
S14 8	2	("20020098628").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 15:10
S14 9	57090	gate adj insulating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 15:10
S15 0	1	S148 and gate adj insulating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 15:11
S15 1	1	S148 and gate adj insulating near6 (thick thickness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 19:00
S15 2	2148	257/288	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 15:38
S15 3	304668	"195"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 15:38
S15 4	5297	365/203	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 15:38

## EAST Search History

S15 5	11356	((257/288) or (257/e29.165) or (257/195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 15:40
S15 6	19	S155 and ((circuit near4 (amplifying amplification)) amplifier) and (gated adj diode varact?r)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 15:52
S15 7	0	"5847583".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 15:52
S15 8	2	"5847583".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 18:13
S15 9	37	memory adj cell near4 (gated adj diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 18:27
S16 0	8	memory adj cell near4 (gated adj diode).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 18:13
S16 1	3	("7116594").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 18:27
S16 2	1	S161 and reference adj voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 18:27
S16 3	11356	((257/288) or (257/e29.165) or (257/195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:29

## EAST Search History

S16 4	5	S163 and (amplifying amplify amplifier amplification) near6 circuit. clm. and (gated adj diode two\$1terminal).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:30
S16 5	7	"5844265"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 11:32
S16 6	2	("5844265").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 11:44
S16 7	439	varactor near4 (amplifier amplify amplifying)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 11:45
S16 8	65	varactor near1 (amplifier amplify amplifying)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 13:19
S16 9	3	("7116594").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 13:19